

Notice of Allowability	Application No.	Applicant(s)
	10/023,652	TAM, SIMON
	Examiner Ephrem Alemu	Art Unit 2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 7-20-04.
2. The allowed claim(s) is/are 1-18.
3. The drawings filed on _____ are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

5. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
 - (a) The translation of the foreign language provisional application has been received.
6. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

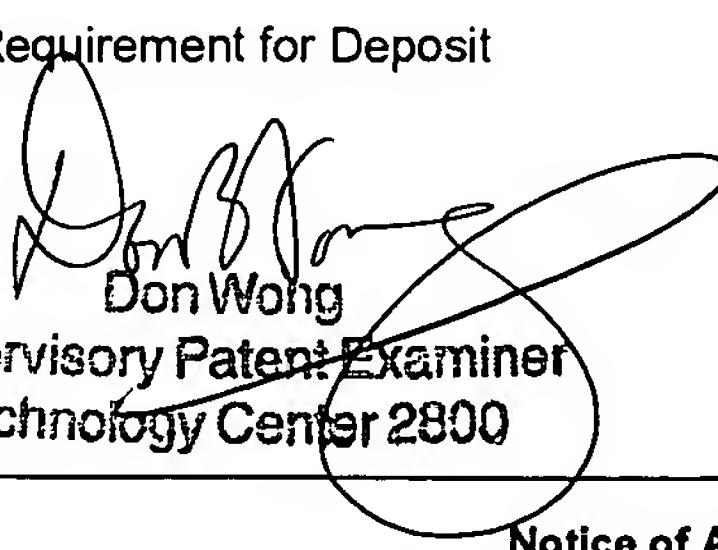
7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No. 11-12-03
 - (b) including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the margin according to 37 CFR 1.121(d).

9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1 Notice of References Cited (PTO-892)
- 2 Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3 Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No. _____
- 4 Examiner's Comment Regarding Requirement for Deposit
of Biological Material
- 5 Notice of Informal Patent Application (PTO-152)
- 6 Interview Summary (PTO-413), Paper No. 9-14-04 .
- 7 Examiner's Amendment/Comment
- 8 Examiner's Statement of Reasons for Allowance
- 9 Other


Don Wong
Supervisory Patent Examiner
Technology Center 2800

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John W. Fitzpatrick on 9-14-04.

The application has been amended as follows:

In claim 17, line 11, "reprogramming" has been replaced with --programming--.

The change has been made to correct minor typographical error.

Allowable Subject Matter

2. Claims 1-18 are allowed.
3. The following is an examiner's statement of reasons for allowance: it is agreed that the prior art of record fail to teach or suggest, alone or in combination, the limitations: "an input of the unity gain buffer being a voltage at one of a source and a drain of the transistor during a programming stage, wherein the unity gain buffer reproduces the voltage during a reproduction stage" in a manner claimed in claims 1, 9, 11, 12, 13 and 14; "a voltage of a connecting node between the first path and the second path being substantially constant during the reproduction stage and the programming stage" as claimed in claim 16; and "during the reproduction stage, reproducing a voltage at a connecting node between the first path and the second path, the voltage being stored as a voltage of the connecting node during the programming stage" as

claimed in claim 17. The preamble has been incorporated into the body of the claims because it "breathes life into the claims." It is for these reasons in combination with all the other limitations in the independent claims 1, 9, 11, 12, 13, 14, 16 and 17, that claims 1-18 are allowed.

Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ephrem Alemu whose telephone number is (571) 272-1818. The examiner can normally be reached on M-F Flex hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don K Wong can be reached on (571) 272-1834. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-1562.

EA
9-14-04


Don Wong
Supervisory Patent Examiner
Technology Center 2800